

Appl. No. 10/050,395

Amdt. dated June 11, 2004

Reply to Office Action of December 31, 2003

Attorney Docket K-1709

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1.(currently amended) An adjustment device adapted for use between a drill motor and a work piece, said adjustment device comprising:

a first portion having a leading end and an internal surface, including an internal surface including an internal thread having a first pitch~~internal first fine threaded pitch~~leading end; and

a second portion having an outer surface and an inner surface, the outer surface including an external thread having a pitch substantially the same as the first pitch~~internal first threaded pitch of the first portion and the inner surface including an internal thread having a second threaded pitch, coarse threaded inner surface and a fine threaded outer surface;~~

wherein the first threaded pitch is different from the second threaded pitch;

the fine threaded outer surface of the second portion situated to threadedly engage the fine internal threaded leading end of the first portion, and the coarse threaded inner surface of the second portion situated to threadedly engage a mating coarse thread carried by either the drill motor or the work piece, such that the overall length of the adjustment device may be adjusted by adjusting the first and the second portion relative to one another and adjusting the second portion and the drill motor or work piece relative to one another.

2.(cancelled)

3.(currently amended) An adjustment device according to claim 2, further including a clamp, said threaded member being threadably engageable with a mating thread, said clamp being adapted to clamp said threaded member in a fixed position against said mating thread adapted for use between a drill motor and a work piece, said adjustment device comprising:

a first portion defining a slip fit member;

a second portion defining a threaded member being threadedly engageable with a mating thread, wherein the first and second portions adjustably engage one another; and

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a clamp adapted to retain the threaded member in a fixed position against the mating thread;

wherein the adjustment device having an overall length adapted to be adjusted by adjusting the first and second portions relative to one another, whereby the overall length is adapted to be adjusted to vary a distance between the drill motor and work piece.

4.(cancelled)

5.(original): An adjustment device according to claim 1, wherein one of said first and second portions includes a clamp for clamping said first and second portions together to prevent said first and second portions from being adjusted relative to one another.

6.(currently amended) An adjustment device adapted for use between a drill motor and a work piece, said adjustment device comprising:

a first portion; and

a second portion, said first and second portions adjustably engaging one another, said adjustment device having an overall length that is adapted to be adjusted by adjusting said first and second portions relative to one another, whereby the overall length is adapted to be adjusted to vary a distance between the drill motor and the work piece;

according to claim 1, wherein one of said first and second portions includes a detent member and the other one of said first and second portions includes a member engageable with said detent member to provide incremental resistance to the adjustment of said first and second portions relative to one another.

7.(currently amended) An adjustment device according to claim 6, wherein said member that is engageable with said detent member is a spring-biased ball. ~~An adjustment device according to claim 6, wherein said member that is engageable with said detent member is a spring-biased ball.~~

8.(cancelled)

9.(cancelled)

10.(currently amended) An adjustment device adapted for use between a drill motor and a work piece, said adjustment device comprising:

a slip fit member defined by a first portion; and

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a threaded member defined by a second portion opposite said slip fit member, said first and second portions adjustably engaging one another to vary the length of said adjustment device and vary a spatial relation between the drill motor and the work piece;

~~according to claim 9~~, wherein one of said first and second portions includes a clamp for clamping said first and second portions together to prevent said first and second portions from being adjusted relative to one another.

11.(currently amended) An adjustment device adapted for use between a drill motor and a work piece, said adjustment device comprising:

slip fit member defined by a first portion; and

a threaded member defined by a second portion opposite said slip fit member, said first and second portions adjustably engaging one another to vary the length of said adjustment device and vary a spatial relation between the drill motor and the work piece;

~~An adjustment device according to claim 9~~, wherein one of said first and second portions includes a detent member and the other one of said first and second portions includes a member engageable with said detent member to provide incremental resistance to the adjustment of said first and second portions relative to one another.

12.(original) An adjustment device according to claim 11, wherein said member that is engageable with said detent member is a spring-biased ball.

13.(currently amended) An adjustment device adapted for use between a drill motor and a work piece, said adjustment device comprising:

a slip fit member;

a threaded member opposite said slip fit member, said threaded member being threadably engageable with a mating thread; and

a clamp being adapted to clamp said threaded member in a fixed position against said mating thread;

said adjustment device having an overall length that is adjustable to vary a spatial relation between the drill motor and work piece.~~according to claim 8, further including a clamp, said threaded member being threadably engageable with a mating thread, said clamp being adapted to clamp said threaded member in a fixed position against said mating thread.~~

14.(Cancelled)

15.(Cancelled)

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16.(currently amended) In combination:

a drill motor;

a support for supporting said drill motor in spatial relation to a work piece; and

an adjustment device comprising:

a slip fit member defined by a first adjustment sleeve;

a threaded member, defined by a second adjustment sleeve, spaced apart from said slip fit member, one of said slip fit member or said threaded member being engageable with said drill motor and the other one of said slip fit member or said threaded member being engageable with said support, said adjustment device having an overall length that is adjustable to vary the spatial relation between said drill motor and said support; and

~~A combination according to claim 15, a clamp included wherein~~ one of said sleeves includes a clamp for clamping said sleeves together to prevent said sleeves from being adjusted relative to one another.

17.(currently amended) In combination:

a drill motor;

a support for supporting said drill motor in spatial relation to a work piece; and

an adjustment device comprising:

a slip fit member defined by a first adjustment sleeve;

a threaded member, defined by a second adjustment sleeve, spaced apart from said slip fit member, one of said slip fit member or said threaded member being engageable with said drill motor and the other one of said slip fit member or said threaded member being engageable with said support, said adjustment device having an overall length that is adjustable to vary the spatial relation between said drill motor and said support;

~~A combination according to claim 15, a detent member included on~~wherein one of said sleeves; and

a member engageable with said detent member supported on the other of said sleeves, ~~includes a detent member and the other one of said sleeves supports a member engageable with said detent member to providing~~ incremental resistance to movement of said sleeves relative to one another.

18.(original) A combination according to claim 17, wherein said member that is engageable with said detent member is a spring-biased ball.

19.(currently amended) In combination:

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a drill motor;

a support for supporting said drill motor in spatial relation to a work piece; and

an adjustment device comprising:

a slip fit member;

a threaded member spaced apart from said slip fit member, one of said slip fit member or said threaded member being engageable with said drill motor and the other one of said slip fit member or said threaded member being engageable with said support; and

A combination according to claim 14, further including a clamp, said threaded member being threadably engageable with a mating thread, said clamp being adapted to clamp said threaded member in a fixed position against said mating thread, said adjustment device having an overall length that is adjustable to vary the spatial relation between said drill motor and said support.

20.(New): In combination:

a drill motor;

a threaded support for supporting said drill motor in spatial relation to a work piece; and

an adjustment device comprising:

a first portion; and

a second portion; wherein the first and second portions are threadably engageable, and one of either the first or second portions is threadably engageable with the drill motor or the threaded support, thus providing a spatial adjustment between both the first and second portions relative to each and a spatial adjustment between either one of the first and second portions and the drill motor or threaded support.